PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**MAY 1 0 2005**

| | |
|---|---|
| In re Application of: | ) |
| Victor R. HERRERO | ) |
| Serial No.: 09/896,657 | )    Group Art Unit: 2124 |
| Filed: June 29, 2001 | ) |
| For: AUTOMATED ENTITLEMENT | )    Examiner: Trenton J. Roche |
| VERIFICATION FOR DELIVERY OF | ) |
| LICENSED SOFTWARE | ) |
| | ) |

## 37 C.F.R. § 1.131 SUPPLEMENTAL DECLARATION

I, the undersigned, am the Applicant for the above-referenced patent application, hereby declare the following:

1)  In a previous Office Action dated July 14, 2004, the pending claims of my above-identified patent application were rejected under 35 U.S.C. §102(e) and 35 U.S.C. § 103(a) based on U.S. Publication No. 2002/0174422 to Kelley et al., entitled "Software Distribution System" which filed on September 26, 2001 and is based on a provisional application filed on September 28, 2000 ("Kelley").

2)  Although the Examiner on page 2 of the Office Action dated February 10, 2005, has considered and recognized the sufficiency of the 37 CFR 1.131 declaration filed on October 14, 2004, the inventor wishes to place supplemental information in the file history to evidence that the above-referenced patent application was reduced to a writing and to practice prior to the September 28, 2000 priority date of Kelly. In particular, the following document is from IBM's internal Library Management system which is used to schedule and manage the implementation of my invention.

I, the undersigned, declare all of the above statements are made on my own knowledge; the above statements are true and correct, and the above statements are made on information that I believe to be true. I understand that false statements or concealment in obtaining a patent will subject me to fine and/or imprisonment or both (18 U.S.C. §1001) and may jeopardize the validity of the above identified patent application or any application issuing therefrom.

Name: Victor R. Herrero    Signature: _[signature]_    Date: May 6, 2005

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Victor Herrero
Category: Design Notes
(Embedded image moved to file: pic18065.jpg)

Change Log:

Original.

Changes from meeting with SHI (blue, green).

Replace with latest update from GPS

Interface to SHI

SHI produces a file containing ISSI licensed product data daily and makes it available on an SHI server.

The file contains the following fields per row:

Product  Identifier:  alphanumeric string; up to 15 characters; associates one or more ISSI package global names to a licensed product.

Purchase Order Number:  alphanumeric string, up to 15 characters;

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equivalent to the License Code used to perform entitlement at installation time.

Quantity: numeric string (0-5); number of licenses ordered; used for reporting purposes only.

A new ISSI program, LicenseMaker (for now anyway...), retrieves input files from the SHI server. Once retrieved, it deletes the files from the SHI server (SHI may want to keep backup copies of these files).

SHI file
The program will run once nightly.
The naming convention for the file is ISSIyymmdd.TBL
This is a flat text file with a header that displays the number of records that are contained in the file
LicenseMaker can use the first record to ensure that a complete file was received. If the file is incomplete or not found, LicenseMaker should record an error message in its log file and should notify OSP that an error was encountered (similar to PkgFinder).
OSP will delete the file from the SHI server after acknowledging the ftp of a "good" file
The file is available on the SHI server at 9:00 PM daily
SHI will send emails to clients at 2:00 AM daily
SHI will house a backup copy of the file
SHI will set up FTP id/pw with Delete access to the file
The Password will not expire

EMail
Based on emails to other time zones, the email will state that there is a 24 hour window of availability to install from ISSI
A separate Email will be sent for each item on the order.
Link to IBM ISSI website to be included in the announce.

To-Do's
Setup FTP id/pw: Ed Ford - due AM
Dummy file for OSP: Ed Ford/Anthony DeStefano - due

Email context: Rich Westlein/Kathy Reece - due
Submit requirement to OSP to implement this solution: Kathy Reece - due


OSP

Entitlement File Creation

LicenseMaker will perform the following functions:

For each unique product identifier, create an entitlement file named productidentifier.tbl. The entitlement file must contain the list of unique code values received and associated quantities. Each code received must be unique. If the entitlement file already exists, then update it with the new codes received. If a duplicate code is received, the new code and quantity will replace the old values. The license quantity field is strictly for reporting purposes. It will not be used to determine entitlement.

The entitlement files will reside on an OSP server (e.g., ospdb). Once the entitlement files are created/updated, they are ftp'ed to the GWA staging area and mirrored to production. The entitlement files can be handled the same way that PkgFinder handles package server tables.

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At this point, we do not have a requirement to delete of entitlement files.


## Performing Entitlement Function

Packaging Requirements will include the product identifier associated with the ISSI package.

The ISSI Installation Web page will contain a new hidden field which will contain the product identifier associated with the package.

The ISSI Installation Web page will prompt the user for the lincense code.   What should the prompt label be?

We may be asked to prompt the user for his Lotus Notes id.  If so, the field would not be audited. Example's of Id format at the prompt. Transfer that input to the owner field in the application if applicable. IBM would always be the Business/Company name

The ISSI CGI script will look up the license code in the corresponding entitlement file.  If found, the installation is allowed to continue. If not found, a message is displayed to the user (similar to the BRIO message).

The ISSI Helper Application will record the product identifier, license code, and Lotus Notes id in the centralized logs and reporting database, for potential reporting requirements.

The content of the entitlement files should also be stored in a new reporting database table for potential reporting requirements.

New folder for licensed applications.  MS Office Folder would have sub-folders beneath for each component of Office, ie., Word, Excel, etc.


Library Management Record (Feature 2447) Opened on

| | | | |
|---|---|---|---|
| prefix | s | | |
| name | 2447 | | |
| reference | | | |
| abstract | NCO 1781 - ISSI - Implement Licensed App Support | | |
| duplicate | | | |
| component | Integration_Task | | |
| | | | |
| state | closed | | |
| age | 75 | | |
| | | | |
| addDate | | assignDate | |
| lastUpdate | | responseDate | |
| endDate | | | |
| | | | |
| ownerLogin | vuozzo | originLogin | herrero |
| ownerName | Vuozzo, Michael | originName | Vic Herrero |
| ownerArea | NWSPC/f6mf | originArea | NWSPC/f6mf |
| | | | |
| remoteName | | remoteFamily | |

tracks: none.

verify:

| type | state | addDate | lastUpdate | userLogin |
|---|---|---|---|---|
| duplicate | | | | |
| ---------------- | ---------------- | ---------- | ---------- | ---------------- |
| ---------------- | | | | |
| original | accept | | | herrero |

3

2447

```
history:
     addDate                  action           userLogin (userName)
     --------------------     --------------   --------------------------------
                              open             herrero (Vic Herrero)
                              assign           herrero (Vic Herrero)
                              design           vuozzo (Vuozzo, Michael)
                              size             vuozzo (Vuozzo, Michael)
                              review           herrero (Vic Herrero)
                              note             herrero (Vic Herrero)
                              accept           vuozzo (Vuozzo, Michael)
                              verify           vuozzo (Vuozzo, Michael)
                              close            herrero (Vic Herrero)
```

duplicate features: none.

duplicate defects: none.

sizing: none.

notes:
     <Note by herrero (Vic Herrero),                    seq: 0 rel: 0
action: open>
NCO 1781.

HLD is included in the requirement.

     <Note by herrero (Vic Herrero),                    seq: 0 rel: 0
action: assign>
This integration project is assigned to Mike Vuozzo.
Old Owner: herrero
New Owner: vuozzo

     <Note by vuozzo (Vuozzo, Michael),                 seq: 0 rel: 0
action: design>

This task requires the 4 subtasks outlined below.

```
name           2457
abstract       NCO 1781 - ISSI - Licensed. App. CGI/API modifications
```

Make the following enhancements

webprmpt   - Changes to use the hidden licensed product id and the license
code entered by the user to look
                          up the code in the corresponding entitlement file.
API        - Record the Lotus Notes id, license product id, and
license code in the log file.

------------------------------------------------------------------------------
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```
name           2458
abstract       NCO 1781 - ISSI - Licensed. App. Load installs to INSTLOG
table
```

Reporting Database - load the new fields to table INSTLOG   (and corresponding table
change).

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4

```
name        2459
abstract    NCO 1781 - ISSI - Licensed. App. Develop LicenseRetriever.
Develop the following utilities:
```

LicenseRetriever - new program that retrieves SHI data, creates entitlement files, and promotes
        entitlement file to Web site (model after PkgFinder).

Shell script (cron job) - runs LicenseRetriever, creates summary report, mails problems to
        OSP dev team (model after pkgfinder.sh).

Reporting Database - load the license data retrieved from SHI (entitlement files) into a new
        DB2 table for future reporting purposes.  Fields include: product id,
        license code, quantity).

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```
name        2484
abstract    NCO 1781 - ISSI - Licensed. App. Pagebuilder modifications
```

Make the following changes to Pagebuilder in support of licensed apps.

  - Accept a new field in the .web file, "productid" .  An alphanumeric string; up to 15 characters

  - If productid is specified pagebuilder must put in the output file the following:

        - Set authenticate=yes
        - Set productid=specified id
        - Insert Prompts:
            Name:   license
            Format: alphanumeric string, up to 15 characters
            Prompt: Enter the Purchase Order number from the software order Email confirmation
                    you received.  This is required for a verification that will allow installation of this
                    application from ISSI.

            Name:   userid
            Format: alphanumeric string, up to 100 characters
            Prompt: Enter your Lotus Notes ID (Example: Name/Location/IBM@IBMxx)

   <Note by vuozzo (Vuozzo, Michael),                     eq: 0 rel: 0
action: size>
 Licensed. App. CGI/API modifications      -      2 days

 Licensed. App. Load installs to INSTLOG table  -  2 days

 Licensed. App. Develop License Retriever.     -   12 days

 Licensed. App. Pagebuilder modifications      -    3 days
  (includes packager doc updates and training)

   <Note by herrero (Vic Herrero),                    seq: 0 rel: 0

5

action: review>
Reviewed and approved by Vic Herrero on

    <Note by herrero (Vic Herrero),                         seq: 0 rel: 0
action: note>
PageBuilder/Packaging process changes need to be communicated to John MacDonald, Tim
Silva, Ann Paleveda, and Jeff Bradley.

    <Note by vuozzo (Vuozzo, Michael),                      seq: 0 rel: 0
action: verify>
Feature is complete all sub features have been implemented.


Victor Herrero
Workstation Platforms Development
IBM Global Services - Operating Systems Platforms